

AMENDMENTS TO THE SPECIFICATION

Please amend the specification as indicated.

Replace the paragraph on p. 4 with the following:

The preparation of multifunctional layers by the repeated partial activation of the surface of a molded part and its providing with different reactants allows a sequence of successive reactions in the microliter region without tedious intermediate steps. Thus, for example, in a pipette tip, a covalently bound protease in the lower layer could produce peptides, which are removed from the reaction solution by hydrophobic binding in the overlying layer and can be examined in a mass spectrometer after being eluted. This is shown in Figure 10 where reactants, for example reactant 1, reactant 2, and react 3, are provided on an integral molded part (A, B) having an interior region 10 and an open-pore three-dimensional network 20.

Replace the paragraph on p. 4 with the following:

The reactants can be bound by covalent or ionic binding, by complex formation or through hydrophobic interaction. The binding can be effected directly or by means of linkers. For example, the molded part may be designed as a pipette tip, piece of flexible tubing, rod, single or multiple vessel, microtitration plate, immersed body sphere or plate, as shown in FIG. 10 A-G, having an interior region 10 and an open-pore three-dimensional network 20.

Replace the paragraph on p. 6 with the following:

For example, the technique of extraction from relatively larger vessels and the elution into substantially smaller vessels can achieve concentration of the desired substance in the proportion of the volumes of the extraction to the elution vessels, as shown in ~~Figure~~ Figures 11A and 11B with an integral molded part having an interior region 10 and an open-pore three-dimensional network 20.

Replace the paragraphs on p. 7 with the following:

Figure 10 shows a schematic sketch in which different reactants (1, 2, 3) are bound to different surface regions 20 of a molded part designed as a rod (A) or pipette tip (B) having an interior region 10, and a molded part designed as a tube (c), single vessel (d), multiple vessel (e), sphere (f), and plate (g).

Figure 11 shows a sketch of an application of the molded parts according to the invention in which the extraction (A) and elution (B) is effected in different volumes in order to achieve concentration of the substances.